

CLAIMS

What is claimed is:

- 1 1. An apparatus comprising:
2 a haptel wherein a signal is generated in response to subjecting said
3 haptel to a stimulus.
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- 1 2. An apparatus, as in claim 1, further comprising an array of haptels.
- 1 3. An apparatus, as in claim 1, wherein the stimulus is selected from the
2 group consisting of spatial position, velocity, temperature, force, pressure, and
3 emotion.
- 1 4. An apparatus, as in claim 1, wherein said haptel is configured into a
2 computer system pointing-device.
- 1 5. An apparatus, as in claim 1, wherein said haptel is configured with an
2 information transmission system.
- 1 6. A method comprising:
2 subjecting a haptel to a stimulus; and
3 creating a signal responsive to said subjecting.
- 1 7. An apparatus, as in claim 6, further comprising an array of haptels.

1 8. An apparatus, as in claim 6, wherein the stimulus is selected from the
2 group consisting of spatial position, velocity, temperature, force, pressure, and
3 emotion.

1 9. An apparatus, as in claim 6, wherein said haptel is configured into a
2 computer system pointing-device.

1 10. An apparatus, as in claim 6, wherein said haptel is configured with an
2 information transmission system.

1 11. An apparatus comprising:
2 a haptel, wherein said haptel is responsive to a signal, such that a
3 quantity is rendered on said haptel.

1 12. An apparatus, as in claim 11, further comprising an array of haptels.

1 13. An apparatus, as in claim 11, wherein said haptel is configured into a
2 computer system pointing-device.

1 14. An apparatus, as in claim 11, wherein said haptel is configured with an
2 information transmission system.

1 15. An apparatus, as in claim 11, wherein the quantity is selected from the
2 group consisting of spatial position, velocity, temperature, force, pressure, and
3 emotion.

1 16. A method comprising:
2 receiving a signal; and
3 setting a haptel in response to the signal, such that a quantity is
4 rendered on the haptel.

1 17. An apparatus, as in claim 16, further comprising an array of haptels.

1 18. An apparatus, as in claim 16, wherein the quantity is selected from the
2 group consisting of spatial position, velocity, temperature, force, pressure, and
3 emotion.

1 19. An apparatus, as in claim 16, wherein said haptel is configured into a
2 computer system pointing-device.

1 20. An apparatus, as in claim 16, wherein said haptel is configured with an
2 information transmission system.

1 21. An apparatus comprising:
2 a haptel wherein a signal is generated in response to subjecting said
3 haptel to a stimulus;
4 a transmitter to transmit the signal;

5 a receiver to receive the signal from said transmitter; and
6 a haptel, wherein said haptel is responsive to the signal;
7 such that a quantity is rendered on said haptel, it follows from the
8 foregoing that haptic data is transmitted.

1 22. An apparatus, as in claim 21, further comprising an array of haptels to
2 create a haptel display.

1 23. An apparatus, as in claim 21, wherein the stimulus is selected from
2 the group consisting of spatial position, velocity, temperature, force, pressure, and
3 emotion.

1 24. An apparatus, as in claim 21, wherein said haptel is configured into a
2 computer system pointing-device.

1 25. An apparatus, as in claim 21, wherein said haptel is configured with an
2 information transmission system.

1 26. A method comprising:
2 subjecting a first haptel to a stimulus;
3 creating a haptel signal responsive to said subjecting;
4 transmitting the haptel signal;
5 receiving the haptel signal; and

6 setting a second haptel in response to the haptel signal; such that a
7 quantity is rendered on the second haptel, it follows from the
8 foregoing that haptic data is transmitted.

1 27. An apparatus, as in claim 26, further comprising an array of haptels.

1 28. An apparatus, as in claim 26, wherein the stimulus is selected from
2 the group consisting of spatial position, velocity, temperature, force, pressure, and
3 emotion.

1 29. An apparatus, as in claim 26, wherein said haptel is configured into a
2 computer system pointing-device.

1 30. An apparatus, as in claim 26, wherein said haptel is configured with an
2 information transmission system.

1 31. An apparatus comprising:
2 a haptel, wherein a first signal is generated in response to subjecting
3 said haptel to a stimulus and said haptel is responsive to a
4 second signal, such that a quantity is rendered on said haptel in
5 response to the second signal.

1 32. An apparatus, as in claim 31, further comprising an array of haptels.

1 33. An apparatus, as in claim 31, wherein the stimulus and quantity are
2 selected from the group consisting of spatial position, velocity, temperature, force,
3 pressure, and emotion.

1 34. An apparatus, as in claim 31, wherein said haptel is configured into a
2 computer system pointing-device.

1 35. An apparatus, as in claim 31, wherein said haptel is configured with an
2 information transmission system.

1 36. A method comprising:
2 subjecting a haptel to a stimulus;
3 creating a first signal responsive to said subjecting;
4 receiving a second signal; and
5 setting a haptel in response to the second signal, such that a quantity
6 is rendered on the haptel.

1 37. An apparatus, as in claim 36, further comprising an array of haptels.

1 38. An apparatus, as in claim 36, wherein the stimulus and quantity are
2 selected from the group consisting of spatial position, velocity, temperature, force,
3 pressure, and emotion.

1 39. An apparatus, as in claim 36, wherein said haptel is configured into a
2 computer system pointing-device.

- 1 40. An apparatus, as in claim 36, wherein said haptel is configured with an
2 information transmission system.

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